

HEPBURN DISINFECTANT CLEANER

5% dilution Heavy Duty



SAFETY DATA SHEET (according to Regulation (EC) No 1907/2006)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier: **Hepburn Disinfectant Cleaner 5% dilution**
- 1.2 *Relevant identified uses of the substance or mixture:* Industrial user
- Uses advised against:* Other uses than those recommended *Revision date:* 26/03/2020
- Version: 1
- 1.3 *Details of the supplier of the safety data sheet:* **Hepburn Bio Care UK Ltd**
- Address:* **Ashwood House,
8, Ashwood Gardens,
Southampton SO16 7LF
United Kingdom**
- e-mail:* info@hepburnbiocare.com
- 1.4 *Emergency telephone number:* +44(0) 2380 71 00 44

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

2.2 Label elements

Signal word: -

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

2.3 Other hazards

Not available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Declaration of substances is not required.

See section 16 for the full text of the Hazard statement codes declared above.

SECTION 4: First aid measures

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4.1 Description of first aid measures

Consumption:	If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Keep the person at rest. Do NOT induce vomiting.
Eye contact:	Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water and seek medical advice.
Inhalation:	Remove person to fresh air and keep at rest.
Skin contact:	Remove contaminated clothing. Wash skin with mild soap and water, rinse abundantly. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed:

Read label before use. No additional information available.

4.3 Indication of any immediate medical attention and special treatment needed

Not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Carbon dioxide, dry chemical powder or appropriate foam.

For safety reasons do not use full water jet.

5.2 Special hazards arising from the substance or mixture:

Not applicable.

5.3 Advice for firefighters:

In case of fire in the surrounding area, follow the recommendations below:

1-Closed containers may build up pressure at elevated temperatures.

2-Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.

3-Prevent run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear appropriate gloves to prevent skin exposure.

Avoid breathing vapours. Use a suitable respiratory apparatus if necessary. Avoid contact with eyes and skin.

Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions:

Avoid contaminating the environment via the sewers or water sources.

6.3 Methods and material for containment and cleaning up:

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).

Ventilate area and wash spill site after material pickup is complete.

Dispose of in accordance with current laws and regulations.

6.4 Reference to other sections:

See also sections 8 and 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Keep away from food, drink and animal feedingstuffs. Do not smoke.

Avoid contact with skin and eyes.

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities:

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

Keep away from incompatible substances (see section 10).

7.3 Specific end use(s):

Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits:

Declaration of substances is not required.

Derived no-effect level (DNEL):

No data available

Predicted No Effect Concentration (PNEC):

No data available

8.2 Exposure controls

Personal protection equipment:	Appropriate personal protective equipment shall be worn in accordance with Regulation (EU) 2016/425.
Engineering Controls-Ventilation:	The areas where the product is handled and stored should be adequately ventilated.
Respiratory Protection:	Use personal breathing apparatus whenever deemed necessary.
Skin Protection:	Avoid contact with skin. Wear suitable gloves (EN 374).
Eye/Face protection:	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Transparent liquid
Colour:	Pink
Odour:	
Odour threshold:	
pH value:	

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Evaporation rate:

Melting point:

Boiling point:

Flash point:

> 100 °C

Auto-ignition temperature:

Decomposition temperature:

Vapour pressure:

Vapour density:

Density:

Water solubility:

Partition coefficient: n-octanol/water:

Viscosity:

Kinematic viscosity:

Oxidising properties:

Explosive properties:

Lower explosive limit:

Upper explosive limit:

Refractive Index:

Optical Rotation:

9.2 Other information:

Not applicable.

SECTION 10: Stability and reactivity

10.1 Reactivity:

Not available.

10.2 Chemical stability:

Stable under normal operating conditions.

10.3 Possibility of hazardous reactions:

Hazardous Polymerization:

It does not undergo any dangerous reactions under normal conditions.

10.4 Conditions to avoid:

Handle in accordance with good industrial hygiene and safety practice.

10.5 Incompatible materials:

None known

10.6 Hazardous decomposition products:

Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

See also sections 2 and 3.

No toxicological information is available on the product itself.

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Acute toxicity:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Skin corrosion/irritation:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Serious eye damage/irritation:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Respiratory or skin sensitisation:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Germ cell mutagenicity:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Carcinogenicity:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Reproductive toxicity:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT-single exposure:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT-repeated exposure:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Aspiration toxicity:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

No data available

SECTION 12: Ecological information

12.1 Toxicity

Acute aquatic toxicity:

12.2 Persistence and degradability:

All organic components in this product reach a 60% BOD and 70% COD reduction with the OCDE 301 A-F test of easy biodegradability in 28 days. Therefore the product is classified as readily biodegradable according to OCDE.

The surfactants that this product contains are agree with regulation (EC) n° 648/2004 of the European Parliament of 31 March 2004 on detergents.

12.3 Bioaccumulative potential:

12.4 Mobility in soil:

Not available.

12.5 Results of PBT and vPvB assessment:

12.6 Other adverse effects:

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Not available.

Do not allow the material to enter streams, sewers or other waterways.

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Container disposal:

Do not reuse empty containers.

Disposal conditions:

Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

International Carriage of Dangerous Goods by Road (ADR)	
UN No.:	Not applicable
Proper Shipping Name:	Not subject to ADR.
Packing Group:	-
Class:	-
Tunnel restriction code:	-
Label:	-
Sea Transport (IMDG)	
UN No.:	Not applicable
Proper Shipping Name:	Not restricted.
Packing Group:	-
Class:	-
Marine Pollutant:	No
IMDG-Code segregation group:	-
Label:	
Air Transport (ICAO/IATA)	
UN No.:	Not applicable
Proper Shipping Name:	Not restricted.
Packing Group:	-
Class:	-
Passenger aircraft:	ACCEPTED
Cargo aircraft:	ACCEPTED
Label:	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Substances are either included in EINECS, ELINCS, NLP inventories or exempted.

15.2 Chemical safety assessment:

Not available.

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15.3 Detergent Labelling (648/2004/EC)

Contains:

Content	Constituents
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The surfactants contained in this mixture do not comply with the biodegradability criteria

SECTION 16: Other information

This material should only be used for industrial purposes.

Key literature references and sources for data:

1. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
2. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
3. EH40/2005. Workplace exposure limits with amendments.

Reg. N° for biocide producer CYGYC BIOCON, S. L. B-0146-E

Reason for Change: First version.

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